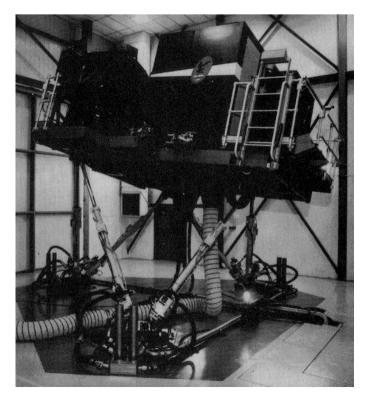
Overview

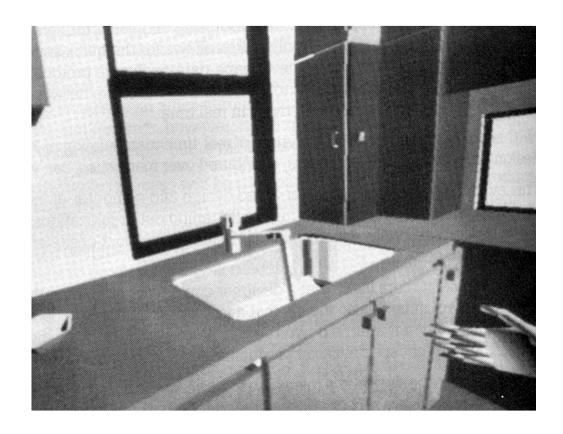
- Teleoperation of Remote Equipment (Physically Distant or Dangerous)
- Scientific Visualization
- Architectural Walkthroughs/Flythroughs of Geographic Areas
- Collaboration
- Training and Rehearsal Through Simulation (Medical, Military, Firefighting, etc.)
- Entertainment

Flight Simulation



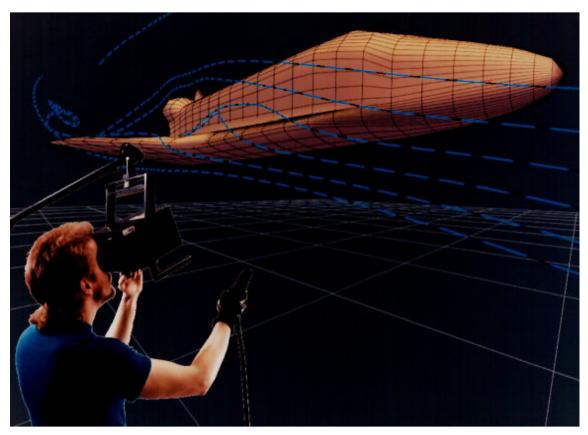
Blackhawk helicopter flight simulator Motion platform

Design



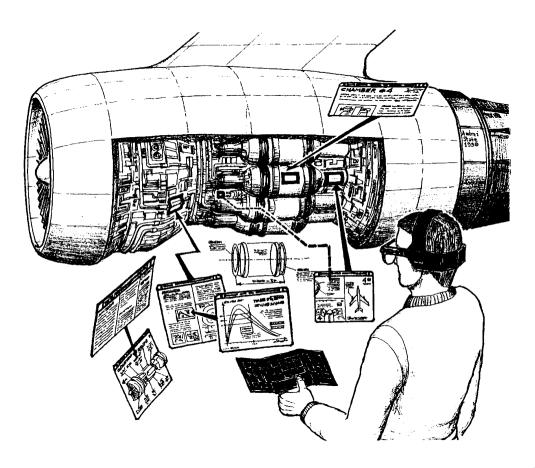
VPL Kitchen

The Virtual Windtunnel



NASA Ames Research Center

Mechanical Maintenance



Boeing Aircraft

Telerobotics

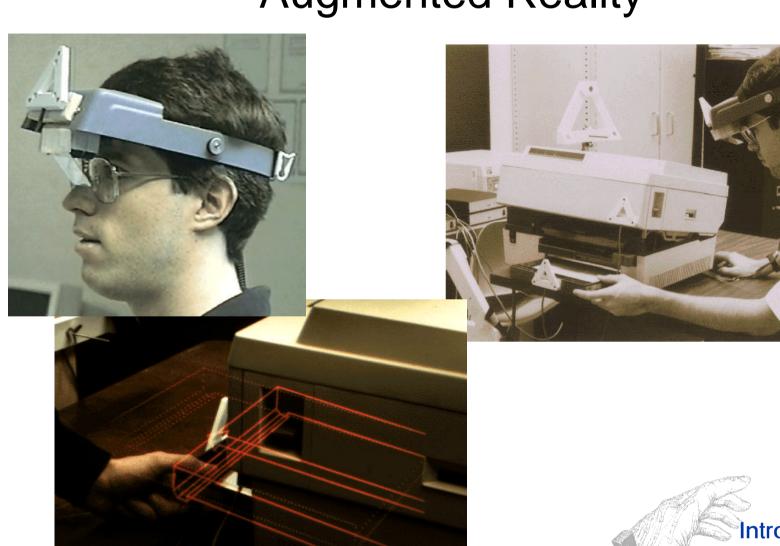


Introduction to Virtual Environment Technology Applications

Telesurgery/Augmented Surgery

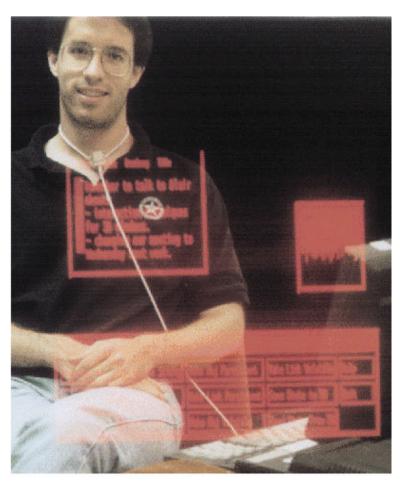


Augmented Reality



Introduction to Virtual Environment Technology Applications

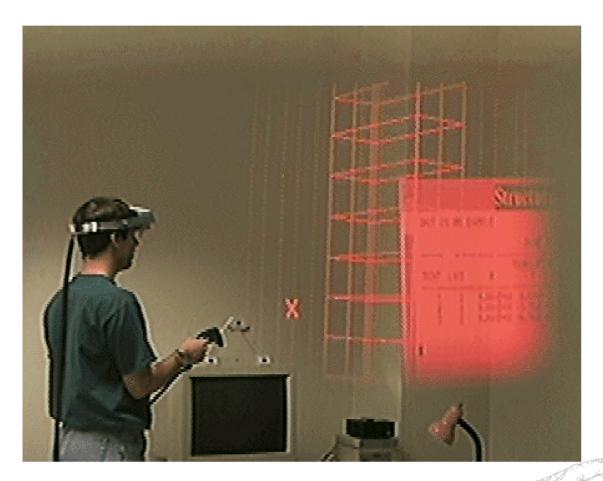
Windows on the World





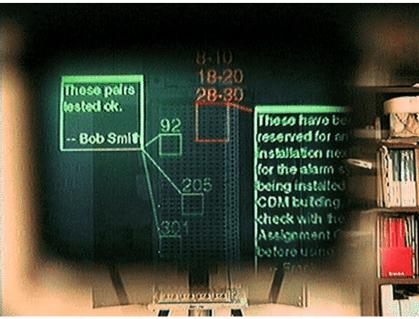


Architectural Anatomy



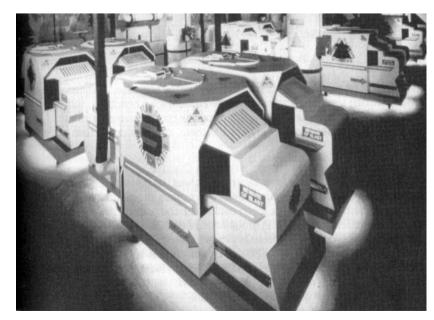
Crossbox Testbed





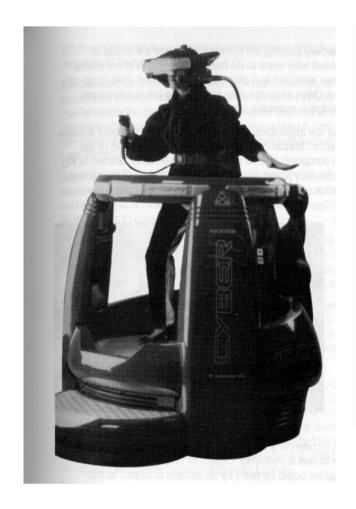
Battle Tech

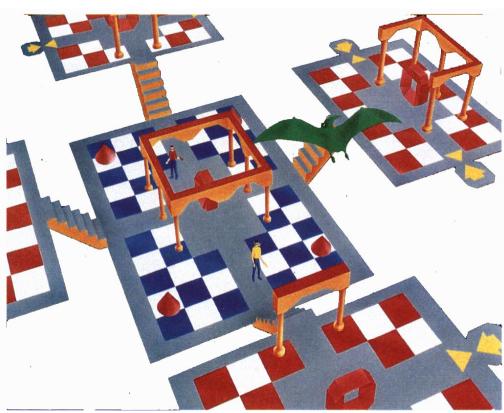






Virtuality





Super Mario 64





- Put That There
- What is the purpose of this system?
- What are reasonable performance goals?
- How would we test this system's efficiency?

- Officer of the Deck task
- What is the purpose of this system?
- What are reasonable training goals?
- How would we test if this system trains anything?

Introduction to Virtual Environment Technology Applications

- Navigation Trainer
- What is the purpose of this system?
- What are reasonable training goals?
- How would we test if this system trains anything?

- Locomotion Devices
- What is the purpose of this system?
- What are reasonable performance goals?
- How would we test this system's efficiency?

- Hand Devices
- What is the purpose of this system?
- What are reasonable performance goals?
- How would we test this system's efficiency?

Research Opportunities

- Software
- Hardware
- Interfaces
- Communications/Networking
- Evaluation
- Applications

